Index of Claims

Application/Control No.

10/601,652

Examiner

Alvin A. Hunter

Applicant(s)/Patent under Reexamination

YOKOTA, MASATOSHI

Art Unit

3711

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

**Appeal** Α 0 Objected

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| Claim        |          | Date         |          |          |              |                                     |  |          | ]  | Claim              |     |       |          | Date     |   |              |                    |          |  |  |   |
| Final        | Original | 9/21/06      |          |          |              |                                     |  |          |  |                    |     | Final | Original |          |   |              |                    |          |  |  |   |
|              | 1        | V            |          | $\vdash$ | 一            | $\vdash$                            | <del>                                     </del> | $\vdash$ | $t^-$  | T                  | 1   |       | 51       |          |   |              | -                  | -        | <del>                                     </del> |  | t |
|              | 2        | V            |          | 一        |              | Η                                   |  |          | H  | $\vdash$           |     |       | 52       | $\vdash$ |   |              |                    |          | T  |  | t |
|              | 3        | T            |          | T        |              |                                     | 1  | 1        | 1  | 1                  | 1   |       | 53       | Г        |   |              |                    |          | _  |  | t |
|              | 4        | 1            | Т        |          |              |                                     |  |          |  | Г                  | 1   |       | 54       |          |   |              | _                  | $\vdash$ | Т  |  | t |
|              | 5        | ,            |          | Г        |              | Г                                   |  |          |  |                    | 1   |       | 55       |          |   |              | $\vdash$           |          |  |  | İ |
|              | 6        | 7            |          | Π        |              |                                     |  |          |  |                    | 1   |       | 56       |          |   |              |                    |          |  |  | Ť |
|              | 7        | <b>V</b>     |          |          |              |                                     |  |          |  |                    |     |       | 57       |          |   |              |                    |          |  |  | Ī |
|              | 8        |              | $L^-$    |          |              |                                     |  |          |  |                    |     |       | 58       |          |   |              |                    |          |  |  | Ι |
|              | 9        | 1            |          |          |              |                                     |  |          |  |                    | ]   |       | 59       |          |   |              |                    |          |  |  | I |
|              | 10       | <u>L</u>     | _        |          | L            |                                     |  |          |  |                    |     |       | 60       |          |   |              |                    |          |  |  | I |
|              | 11       | V            |          | L_       | <u> </u>     | _                                   | _  |          | <u> </u>   | _                  |     |       | 61       |          |   |              |                    |          | <u> </u>   | L  | l |
|              | 12       | V            | _        |          | <u> </u>     |                                     |  | L        | ╙  |                    |     |       | 62       |          |   | <u> </u>     |                    | L        |  |  | 1 |
|              |          | V.           |          |          | <u> </u>     | L.                                  |  | _        | <u> </u>   |                    |     |       | 63       | L        |   | <u> </u>     |                    |          | lacksquare                                       |  | 1 |
|              | 14       | V            | _        | L.       | ļ            | ╙                                   | <u> </u>   | <u> </u> | <u> </u>   | _                  |     |       | 64       |          |   | L            | <u>_</u>           |          | _  | _  | ļ |
|              | 15       | V            |          | <u> </u> | ┞            | <u> </u>                            |  | _        | <u> </u>   | _                  | 1   |       | 65       | _        |   | <u> </u>     | _                  | _        | L.   | _  | ļ |
|              | 16       | ν_           |          |          | _            | ļ                                   | <u> </u>   | <u> </u> | ــــ   |                    |     |       | 66       |          |   | <u> </u>     | <u> </u>           | <u> </u> | _  | <u> </u>   | ļ |
|              | 17       | -            | ļ.,      | ļ        | _            | <u> </u>                            | <u> </u>   | <u> </u> | <u> </u>   | _                  |     |       | 67       | <u> </u> | _ | <u> </u>     | _                  | _        | _  | <u> </u>   | ļ |
| <u> </u>     | 18       | <del> </del> | _        | <u> </u> | _            | -                                   |  |          | _  | <u> </u>           | ļ   |       | 68       |          |   | <u> </u>     | <u> </u>           | <u> </u> | _  | _  | ļ |
|              | 19       | -            |          | _        | _            | ├—                                  | -  | <u> </u> | <u> </u>   | ┡                  |     |       | 69       |          |   | <u> </u>     | <u> </u>           | _        | _  | ļ  | Ļ |
|              | 20       | -            |          |          | <u> </u>     | ⊢                                   | <u> </u>   | <u> </u> | <u> </u>   | <u> </u>           |     |       | 70       |          |   |              | _                  | _        | <u> </u>   | <u> </u>   | ļ |
| <u> </u>     | 21       | ⊢            | _        | <u> </u> | <b>—</b>     | <u> </u>                            | -  | -        | _  | <u> </u>           | l   |       | 71       |          |   | ļ            | _                  | _        | _  | _  | ļ |
| $\vdash$     | 22       | ļ            | -        |          | -            | <u> </u>                            | _  |          | ├  |                    | l l |       | 72       | <u> </u> |   | <u> </u>     | <u> </u>           | <u> </u> | <u> </u>   | ļ  | ļ |
| $\vdash$     | 23       | -            | _        |          |              | ⊢                                   | Ͱ  |          | <del> </del>                                     | <b> </b>           | ł   |       | 73       |          |   | <u> </u>     | -                  | -        | <del> </del>                                     | -  | ł |
| <u> </u>     | 24<br>25 | ├            | _        |          |              | ⊢                                   | ├  | -        | ├-   | <del> </del>       |     |       | 74<br>75 |          |   | ├-           |                    | ├        | ├  |  | ł |
| $\vdash$     | 26       | ├            |          |          | <del> </del> | ⊢                                   | ⊢  |          | ├  | -                  | ł   |       | 76       |          |   | <del> </del> |                    |          | ⊢  | -  | ╀ |
|              | 27       | ╁            |          | ┢        |              |                                     | ⊢  | -        | ┢  | $\vdash$           | 1   |       | 77       |          |   | ┝            | -                  |          | $\vdash$   | -  | ╁ |
|              | 28       | -            | ┝        | -        | 1            | -                                   |  | -        | ├  | H                  | ł   |       | 78       |          |   | -            | <del></del>        | ⊢        | -  | $\vdash$   | ł |
| <u> </u>     | 29       | ╁            | $\vdash$ | -        | ┪            | $\vdash$                            | ┢  | ┢        | ╁  | $\vdash$           |     |       | 79       | $\vdash$ |   | -            | -                  | -        |  | ⊢  | ł |
|              | 30       | H            | -        | -        | ┢            |                                     | ┢  | ┢        |  |                    |     | _     | 80       |          |   | $\vdash$     | -                  | -        |  | $\vdash$   | ł |
|              | 31       | -            | ┢        | ┢        | ┢            |                                     |  | ┢╌       | <del> </del>                                     |                    | 1   |       | 81       |          |   | -            |                    | $\vdash$ | H  | -  | t |
|              | 32       | _            | ┢        | $\vdash$ | $\vdash$     |                                     |  | -        | <del>                                     </del> |                    | i   | _     | 82       |          | _ |              |                    | ┢        | $\vdash$   | $\vdash$   | t |
|              | 33       | 一            | -        | $\vdash$ | $\vdash$     | 1                                   | <del>                                     </del> |          | $\vdash$   |                    |     |       | 83       |          | _ | _            | $\vdash$           | ┢─       |  | $\vdash$   | t |
|              | 34       | $\Box$       |          | Г        | ⇈            | Г                                   |  | Т        | Г  | Т                  | 1   |       | 84       |          |   | Η-           |                    |          | $\vdash$   | <del>                                     </del> | t |
|              | 35       | Г            | Г        |          |              |                                     | 1  | Т        |  |                    |     |       | 85       |          |   |              | l -                |          | _  | _  | t |
|              | 36       |              |          |          | T            | Г                                   |  |          |  | Γ                  | ] , |       | 86       |          |   | Г            | Г                  |          | <u> </u>   | _  | t |
|              | 37       |              |          |          |              |                                     |  |          |  | Г                  | ]   |       | 87       |          |   |              |                    |          |  |  | t |
|              | 38       |              |          |          |              |                                     |  |          |  |                    |     |       | 88       |          |   |              |                    |          |  |  | r |
|              | 39       |              |          |          |              |                                     |  |          |  |                    |     |       | 89       |          |   |              |                    |          |  |  | Γ |
|              | 40       |              |          |          |              |                                     |  |          |  |                    |     |       | 90       |          |   |              |                    |          |  |  | ſ |
|              | 41       |              |          |          |              | 匚                                   | 匚  | 匚        | 匚  |                    |     |       | 91       |          |   |              |                    |          |  |  | ſ |
|              | 42       |              | L        | <u> </u> | <u> </u>     |                                     |  |          |  |                    |     |       | 92       |          |   |              |                    |          |  |  | Ĺ |
|              | 43       | _            |          | <u> </u> |              | L.                                  | L_   | _        | Ш  | $oxedsymbol{oxed}$ |     |       | 93       |          |   |              |                    |          |  |  | ĺ |
| لــــا       | 44       | _            |          | <u> </u> | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _  | L_       | <u> </u>   |                    |     |       | 94       |          |   |              |                    |          |  | L  | Ĺ |
| Щ            | 45       | <u> </u>     |          | <u> </u> | <u> </u>     | $\Box$                              | <u> </u>   |          | L  |                    |     |       | 95       |          |   |              |                    |          |  |  | Ĺ |
| $oxed{oxed}$ | 46       | <u> </u>     | L        | <u> </u> | <u>L</u>     | L_                                  | <u> </u>   | <u> </u> | L  | L                  |     |       | 96       |          |   |              |                    |          | <u> </u>   | <u> </u>   | L |
| igsquare     | 47       | <u> </u>     | _        | <u> </u> | <u> </u>     | _                                   | <u> </u>   | <u> </u> | L  |                    |     |       | 97       |          |   |              | $oxedsymbol{oxed}$ |          |  |  | l |
| $oxed{oxed}$ | 48       | <u> </u>     | <u> </u> | <u> </u> | <u> </u>     | L                                   | <u> </u>   | <u> </u> | L_   | L                  |     |       | 98       |          |   |              |                    | _        |  | L  | L |
|              | 49       | <u> </u>     | _        | ļ        | _            | _                                   | <u> </u>   | <b> </b> | <u> </u>   | _                  |     |       | 99       |          |   |              |                    |          | L  |  | 1 |
| ш            | 50       | L            | _        | L_       | L            | L_                                  | <u> </u>   | <u> </u> | L  |                    |     |       | 100      |          |   |              |                    |          |  | L  | Ĺ |

| Cla             | Claim          |              |          | Date   |  |  |          |              |              |          |  |  |  |
|-----------------|----------------|--------------|----------|--|--|--|----------|--------------|--------------|----------|--|--|--|
|                 | _              |              |          |  | _  |  |          |              |              |          |  |  |  |
| Final           | Original       |              |          |  |  |  |          |              |              |          |  |  |  |
|                 | 51             |              |          |  |  |  |          |              |              |          |  |  |  |
|                 | 52             |              |          |  |  |  |          |              |              |          |  |  |  |
|                 | 53             |              |          | _  | _  |  |          |              |              |          |  |  |  |
|                 | 54             | L            |          |  |  |  |          |              |              |          |  |  |  |
| <u></u>         | 55             | L            | L        |  |  |  |          |              |              |          |  |  |  |
|                 | 56             |              | <u> </u> | <u> </u>   | L  |  | L        |              | L            | _        |  |  |  |
| <u> </u>        | 57             | _            |          | _  |  | _  | <u> </u> |              |              |          |  |  |  |
|                 | 58             | _            | _        | <u> </u>   | <u> </u>   | _  |          |              |              | ļ        |  |  |  |
|                 | 59             |              | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u> |              |              |          |  |  |  |
|                 | 60             | _            |          | _  | _  |  | ļ        | <u> </u>     |              | _        |  |  |  |
|                 | 61             | <u> </u>     | <u></u>  | _  | <u> </u>   | _  |          | _            | _            | _        |  |  |  |
| _               | 62             |              | <u> </u> | <u> </u>   |  | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>     | <u> </u> |  |  |  |
| <u> </u>        | 63             | ├            | ⊢        | <u> </u>   | <del> </del>                                     |  | $\vdash$ | <u> </u>     | <u> </u>     | <u> </u> |  |  |  |
|                 | 64             | <del> </del> | ├        | -  | <u> </u>   | <u> </u>   | $\vdash$ | <u> </u>     | -            | <u> </u> |  |  |  |
|                 | 65             | ⊢            | <u> </u> | ⊢  | _  | <u> </u>   | ├        | <u> </u>     | <u> </u>     | <u> </u> |  |  |  |
| -               | 66<br>67       | -            |          | ⊢  | -  | <del> </del>   | -        | <u> </u>     | $\vdash$     | <u> </u> |  |  |  |
|                 | 60             | ⊢            | ├        | -  | -  |  |          | <u> </u>     | ├—           |          |  |  |  |
| -               | 68             | -            | _        | $\vdash$   | $\vdash$   | $\vdash$   |          | $\vdash$     | <u> </u>     | <u> </u> |  |  |  |
| <b> </b>        | 69<br>70       | ⊢            |          | -  | $\vdash$   | -  | -        |              | -            | ┝        |  |  |  |
|                 | 70             |              | -        | ┢  | ⊢  | -  | ┢        | <del> </del> |              | <u> </u> |  |  |  |
|                 | 72             | ├            | -        | -  |  | -  | ┝        | -            | -            | ┝        |  |  |  |
| -               | 71<br>72<br>73 | ┝            | -        | ⊢  | -  | ├  | ┝        | -            | $\vdash$     | $\vdash$ |  |  |  |
|                 | 74             |              | _        | ┝  | -  | -  | ┝        | -            | ┢            | ⊢        |  |  |  |
|                 | 75             |              |          | ┝  | -  | ┢  | ┝        | ┝            | $\vdash$     | $\vdash$ |  |  |  |
|                 | 76             |              | $\vdash$ | <del>                                     </del> | <del>                                     </del> |  | $\vdash$ |              |              | $\vdash$ |  |  |  |
|                 | 77             |              | $\vdash$ | $\vdash$   | <del> </del>                                     | _  | $\vdash$ | _            |              |          |  |  |  |
|                 | 78             |              | _        |  | _  | $\vdash$   | _        | $\vdash$     | _            | _        |  |  |  |
|                 | 79             |              | _        |  |  |  | Ι        | $\vdash$     | _            | $\vdash$ |  |  |  |
|                 | 80             |              |          |  | _  |  | $\vdash$ |              | $\vdash$     |          |  |  |  |
|                 | 81             |              |          | _  | _  | Г  |          |              | _            | $\vdash$ |  |  |  |
|                 | 82             |              |          | l  | Ι  | $\Box$   |          |              |              | Г        |  |  |  |
|                 | 83             |              |          |  |  |  |          |              |              |          |  |  |  |
|                 | 84             |              |          |  |  |  |          |              |              |          |  |  |  |
|                 | 85             |              |          | L.   |  |  | _ "      |              |              |          |  |  |  |
|                 | 86             |              |          |  |  |  |          |              |              |          |  |  |  |
|                 | 87             |              |          |  |  |  |          |              |              |          |  |  |  |
|                 | 88             |              |          |  |  |  |          |              |              |          |  |  |  |
|                 | 89             |              |          |  |  |  |          |              |              |          |  |  |  |
|                 | 90             |              |          | L.   |  | L  | Ľ        |              |              |          |  |  |  |
|                 | 91             |              |          |  |  |  |          |              |              | _        |  |  |  |
|                 | 92             | <u> </u>     |          | L  | Ш  | $ldsymbol{ld}}}}}}}}}$ | Ь        |              | $oxed{oxed}$ |          |  |  |  |
|                 | 93             | $\square$    | _        | Ш  | $\vdash$   |  | <u> </u> | L.,          | Щ.           | _        |  |  |  |
| <u> </u>        | 94             | L.           | _        | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$     | lacksquare   |          | L_           | _            | _        |  |  |  |
|                 | 95             |              | <u> </u> | <u> </u>   | Щ  | <u> </u>   | _        | <u> </u>     |              | _        |  |  |  |
| $\vdash$        | 96             | <u> </u>     | <u> </u> | <u> </u>   | <u> </u>   |  | <u> </u> | L            | <u> </u>     | _        |  |  |  |
| $\vdash \vdash$ | 97             | _            | <u> </u> | _  | $\vdash$   | <u> </u>   | <u> </u> | _            |              |          |  |  |  |
| $\vdash$        | 98             | $\vdash$     | _        | -  | <u> </u>   | <u> </u>   | <u> </u> | $\vdash$     | <b> </b>     | _        |  |  |  |
| $\vdash$        | 99<br>100      | _            |          | _  |  | ļ  | _        | $\vdash$     | _            | <u> </u> |  |  |  |
| 1 1             | IUU            | )            | 1        |  |  |  | 1        |              |              |          |  |  |  |

| Claim    |  | Date         |          |          |                 |          |              |              |                                |          |  |
|----------|--|--------------|----------|----------|-----------------|----------|--------------|--------------|--------------------------------|----------|--|
|          |  | $\vdash$     | Γ        |          | 一               | T        | Г            | Ī            |                                |          |  |
| Final    | Original   |              |          |          |                 |          |              |              |                                |          |  |
|          | 101<br>102<br>103<br>104<br>105                                    |              |          |          |                 |          |              |              |                                |          |  |
|          | 102  |              | L_       |          | L_              |          | _            |              |                                |          |  |
|          | 103  |              | L        |          |                 | <u> </u> | ļ.,          | ļ            | _                              |          |  |
|          | 104  | <del> </del> | <u> </u> | _        |                 | <u> </u> |              | -            | _                              | _        |  |
|          | 105  | _            | $\vdash$ | -        | <del> </del>    | ┝        |              |              |                                |          |  |
|          | 107  | ├─           | ⊢        | _        |                 | ┢        | -            |              |                                |          |  |
|          | 108  |              |          | _        | $\vdash$        | $\vdash$ | 1            | $\vdash$     | -                              | Н        |  |
|          | 106<br>107<br>108<br>109   | _            |          | $\vdash$ | <u> </u>        |          |              |              |                                |          |  |
|          | 110  |              |          |          |                 |          |              |              |                                |          |  |
|          | 111  |              |          |          |                 |          |              |              |                                |          |  |
|          | 112  | _            | _        | L        | <u> </u>        | L        | <u> </u>     | L_           |                                |          |  |
|          | 113  | <u> </u>     | <u> </u> | <u> </u> | <u> </u>        | <u> </u> | <u> </u>     | _            | <u> </u>                       | $\vdash$ |  |
|          | 114  | $\vdash$     | $\vdash$ | -        | ┝               | $\vdash$ | <u> </u>     | $\vdash$     | _                              | <u> </u> |  |
|          | 110<br>111<br>112<br>113<br>114<br>115<br>116                      | $\vdash$     |          | $\vdash$ | $\vdash$        |          | _            | _            | <u> </u>                       | -        |  |
|          | 117  | $\vdash$     |          | _        | -               | $\vdash$ | _            | <del> </del> | $\vdash$                       | H        |  |
|          | 117<br>118<br>119<br>120   | -            | -        |          | Т               |          | $\vdash$     |              |                                | $\vdash$ |  |
|          | 119  |              |          |          |                 |          |              |              |                                |          |  |
|          | 120  |              |          |          |                 |          |              |              |                                |          |  |
|          | 121  |              |          |          | $oxed{oxed}$    |          |              | L            |                                |          |  |
|          | 122  | _            |          |          |                 |          | <u> </u>     | ļ            |                                |          |  |
|          | 123  | <u> </u>     |          |          | _               |          | ļ            | ļ            | _                              | Щ        |  |
|          | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |              | _        |          | <u> </u>        | -        |              | ┝            | -                              | $\vdash$ |  |
|          | 126  | $\vdash$     |          |          | $\vdash$        |          | ├            | $\vdash$     |                                | $\vdash$ |  |
|          | 127  |              |          |          | $\vdash$        |          |              |              |                                |          |  |
|          | 128  |              |          |          |                 |          |              |              |                                |          |  |
|          | 129  |              |          |          |                 |          |              |              |                                |          |  |
|          | 130  |              |          |          |                 |          | L.           |              |                                |          |  |
|          | 131  |              | _        | <u> </u> | L               |          | <u> </u>     | <u> </u>     |                                |          |  |
|          | 132  |              |          | _        | _               |          | _            | _            |                                | Н        |  |
|          | 133  |              |          |          |                 | -        | -            | ⊢            | -                              | -        |  |
|          | 135  | -            | $\vdash$ | $\vdash$ |                 | $\vdash$ | $\vdash$     | -            | -                              | $\vdash$ |  |
|          | 136  |              |          | _        |                 |          | <del> </del> | $\vdash$     |                                | Н        |  |
|          | 132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140        |              |          |          |                 |          |              |              |                                |          |  |
|          | 138  |              |          |          |                 |          |              |              |                                |          |  |
|          | 139  |              |          |          |                 |          |              |              | $oxedsymbol{oxedsymbol{oxed}}$ |          |  |
| _        | 140  |              |          | L        | $oxed{\square}$ | <u> </u> |              | _            | L_                             | $\Box$   |  |
|          | 141<br>142   |              |          | _        | _               |          | <u> </u>     | <u> </u>     | _                              | Щ        |  |
| -        | 143  |              | -        | _        | Н               | $\vdash$ |              | -            | -                              | $\vdash$ |  |
| $\dashv$ | 144  |              |          | -        | _               |          | -            |              | H                              | $\dashv$ |  |
| -        | 145  |              |          |          | -               | Н        | Т            |              | -                              | $\dashv$ |  |
|          | 146  |              |          |          |                 |          | _            |              | Т                              | $\neg$   |  |
|          | 147  |              |          |          |                 |          |              |              |                                |          |  |
|          | 148  |              |          |          |                 |          |              |              |                                |          |  |
|          | 149  |              |          |          |                 |          |              |              |                                |          |  |
|          | 150  | Ш            |          |          |                 | L        |              |              | L.,                            |          |  |
|          |  |              |          |          |                 |          |              |              |                                |          |  |